Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 21 Mar 2021 until 23:59 on Monday 22 Mar 2021

Forecast Issued on Saturday 20 Mar 2021 at 10:27

Confidence: High for generally settled conditions into next week then a gradual change to more unsettled conditions, but lower for cloud amounts and timing of rain next week.

Headline for Sunday 21 Mar 2021: Mostly cloudy with a little rain or drizzle at first, but becoming drier and brighter by the afternoon with sunny spells developing.

Mountain weather hazards on Sunday 21 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
10%	30%	30%	20%	00%	00%	00%	00%

Forecast for Sunday 21 Mar 2021

Weather: Cloudy overnight with patchy rain or drizzle and little change into the morning, still cloudy with a little rain or drizzle at times. Becoming dry by the afternoon and becoming brighter with sunny spells developing as cloud becomes more broken. Dry with clear spells in evening

Chance of cloud free mountain/hill tops above 600m: Around 20% through the morning but increasing to 80% or better by the afternoon

Visibility: Mainly good beneath cloud, perhaps poor in rain and drizzle and poor at height in morning with periods of cloud above 400-500m, but this breaking and lifting from mid-morning, to leave patchy cloud over the tops by the afternoon

Forecast for Sunday 21 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/18 N	7/11 N	4/7 N	3/6 N	7/11 W	8/13 W	8/12 W	7/11 SW	6/9 SW
300	8/17 NW	6/11 NW	4/8 N	1/4 W	6/10 W	8/13 W	6/12 W	4/9 W	4/6 W
Valley	5/12 N	3/8 N	2/3 E	1/4 S	6/11 W	8/14 W	4/10 SW	2/7 W	3/6 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	3/-0	2/1	3/2	5/3	6/3	4/1	3/0	2/-1
300	5/2	4/2	4/2	6/5	8/7	8/6	6/3	4/2	2/0
Valley	6/5	5/4	4/4	7/6	9/8	9/7	7/5	4/3	3/2
Freezing Level*	1300m	1100m	1000m	1000m	1000m	1100m	1100m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rather muggy at first, but gradually becoming fresher. Temperatures could reach 12 C in afternoon and feeling very pleasant in sunshine, but strong sunshine even for March so risk of sunburn.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 20 Mar 2021	0mm	0.2mm	0.2mm

Forecast for Monday 22 Mar 2021

Weather: Clear spells overnight and perhaps a frost in valleys along with risk of fog patches. Then bright or sunny spells but becoming cloudier and there could be some patchy rain or drizzle by the end of the day

Maximum wind: West or northwest 10mph becoming southwest 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 90% becoming 60% by the afternoon.

Visibility: Mostly good but very poor in any early fog. Patchy cloud at summit level overnight and into the morning, but then broken cloud above 600m, occasionally 450m, though more likely later in day.

Temperature: **Valleys:** Zero C to plus 2 C at first, rising to plus 9 or 10 C
At 600m: Plus 3 or 4 C
Freezing level: Above summits